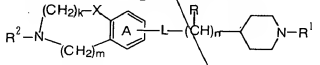
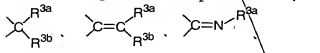
ABSTRACT

A nitrogen-containing condensed heterocyclic derivative of the present invention, which is a compound represented by the formula:



(I)

wherein ring A represents benzene ring optionally having a further substituent, -L- represents -O-, $-NR^{3a}-$, -S-, -SO-, $-SO_2-$, $-SO_2NR^{3a}-$, $-SO_2NHCONR^{3a}-$, $-SO_2NHC(=NH)NR^{3a}-$, -C(=S)-,



or $-CONR^{3a}-$ (wherein R^{3a} and R^{3b} represent independently hydrogen atom, cyano group, hydroxy group, amino group, a C_{1-6} alkyl group or a C_{1-6} alkoxy group), n represents an integer of 0 to 6, R is hydrogen atom or a hydrocarbon group optionally having a substituent, and may be different in repetition of n, R^1 represents a hydrocarbon group optionally having a substituent or a group represented by the formula:

(wherein R^7 represents a hydrocarbon group optionally having a substituent), R^2 represents hydrogen atom, an acyl group, a hydrocarbon group optionally having a substituent or a heterocyclic group optionally having a substituent, X represents a bond, O, S, SO, SO_2 or NR^4 (wherein R^4 represents hydrogen atom, an acyl group or a hydrocarbon group optionally having a substituent), k and m represent independently an integer of 0 to 5, and $1<k+m<5$, or a salt thereof, and the like, has an excellent thermal production promoting activity and the like, and is useful as an agent for preventing or treating obesity and obesity-based diseases.